

OKI® C7000 Series Setup Guide



Installation Checklist:

Please cut this page out and use it as a guide when installing your printer.

1 Install the Printer

- ☐ Select a Location (see p. 3)
- ☐ Unpack (see p. 3)
- ☐ Check Components (see p. 4)
- ☐ Record the Serial No.
(see p. 4)
- ☐ Remove Shipping Materials
(see p. 5)
- ☐ Prepare Image Drums
(see p. 5)
- ☐ Install Toner Cartridges
(see p. 6)
- ☐ Load Paper (see p. 7)
- ☐ Connect to Power (see p. 7)
- ☐ Print the Demo Page
(see p. 7)

2 Make the Computer Connection & Install the Software

Windows

- Network Install (see pp. 8-13)
- USB Install (see p.p. 14-15)
- Parallel Install (see p. 16)

Macintosh

- Network Install (see pp. 17-18)
- USB Install (see pp. 19-20)

- ☐ **Complete**

3 Finish the Setup

- ☐ Set Color Balance (see p. 21)
- ☐ Check Media Settings (see pp. 22-25)
- ☐ Check the Printer Settings (see p. 26)
- ☐ Print a Sample File (see p. 27)
- ☐ Install the Handy Reference (see p. 27)

Congratulations!

This completes the installation of your OKI C7000 Series Printer. Now it's time to let your imagination run free and enjoy some colorful printing!

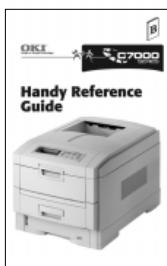
For more information, see the documents listed on the back of this checklist.

Documentation

Printed

Setup Guide

The document you're holding: gets you up and running.

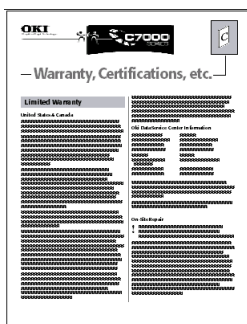


Handy Reference

For help with day-to-day operation, including:

- Loading Print Media
- Usable Print Media
- Walk-up Functions
(Proof & Print, Secure Print, etc.)
- Operator Panel
- Clearing Paper Jams, etc.

Attaches to the printer with Velcro® fasteners.



Warranty, Certifications, etc.

- Warranties
- Safety Information
- FCC/IC/CE
- Material Safety Data Sheets, etc.

On-Line



OKI® C7000 Series Desktop User's Guide

- Print Media
- Control Panel
- Printer Menus
- Working with Color
- Document Handling
- Downloaded Fonts
- Overlays
- Proof & Print
- Secure Print
- Managing Hard Drive
- Managing Flash SIMM
- Print Resolution
- Problem Solving
- Maintenance
- Service & Support
- Accessories
- Specifications
- etc.



OkiLAN® 6200e Network User's Guide

- 6200e Print Server Information
- Network Software Instructions

Installation

1 Select a location

- Firm, level surface *capable of supporting at least 110 lbs (50 kg)*.
- Clearance:
 - Left & Right: 8 inches (20 cm)
 - Front: 24 inches (60 cm)
 - Back: 16 inches (40 cm)
 - Top: 24 inches (60 cm)
- Nearby power source
- Room temperature:
 - Ideal: 62.6 to 80.6°F (17 to 27°C):
 - Maximum Permissible: 50 to 89.6°F (10 to 32°C)
- Relative humidity:
 - Ideal: 50 to 70% RH
 - Maximum Permissible: 20 to 80% RH
- Away from direct sunlight

2 Unpack

! **CAUTION!** The printer weighs 106 pounds. Use more than one person to lift the printer. Use appropriate lifting techniques.

! It's a good idea to save all the packing materials in case you ever need to ship the printer.



☐ Remove the hand holds.



☐ Lift the shipping container off the printer.



☐ Lift off the accessory tray and set it aside.



☐ Remove the top shipping cushions.



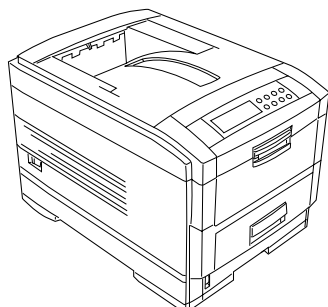
☐ Remove the printer from the shipping tray and place it on a suitable support.

☐ Remove the printer from the plastic bag.

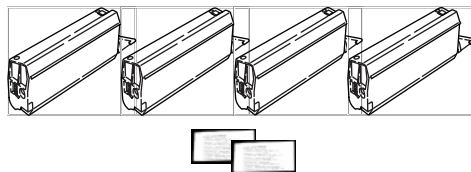
3 Check Components

! CAUTION!

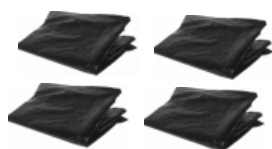
- The printer weighs 106 pounds. Use more than one person to lift the printer. Use appropriate lifting techniques.



Printer



Cyan, Magenta, Yellow & Black
Toner Cartridges with LED Lens Cleaners



Light-Shield Bags
(Used to protect image drums from light when they are removed from printer.)



CD(s)
With Drivers &
On-Line User's Guides



Power Cord

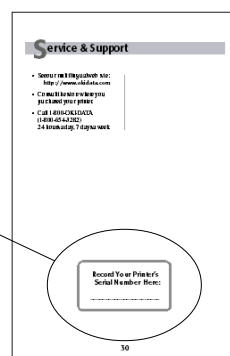
Documentation (Not illustrated):

Setup Guide
Handy Reference
Warranties, Certifications, etc.

4 Record the Serial Number

- ☐ Before proceeding, locate the silver ratings plate on the back of the printer. Record the serial number you find there on the last page of the Handy Reference.

You'll need this number to register your printer and to take advantage of Oki Data's myokidata.com service.



my.okidata.com
Your Personal Solutions Center

Personalized, web-based support* for the OKI products you own: 24 hours a day, 7 days a week—no waiting!

Log on and check for

- Product News
- What's Changed?

You can

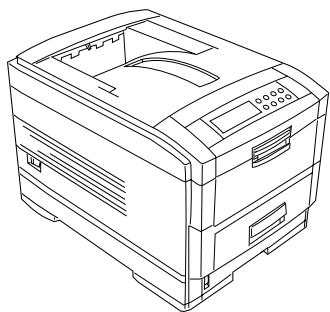
- Register your OKI products
- Keep track of your warranty eligibility
- Download or view manuals online
- Get automatic email notification of new drivers and key product updates
- ... and more!

Just point your browser to **my.okidata.com**, or go to **www.okidata.com** and click on **Support**.

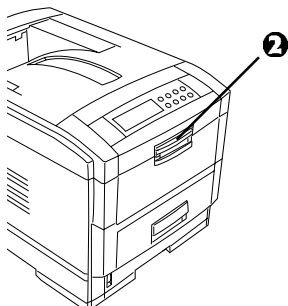
* English Only.

5

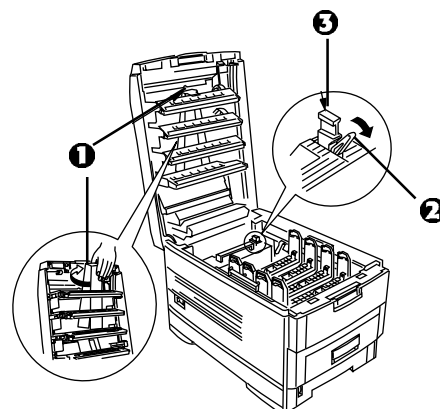
Remove the Shipping Materials



- ☐ Remove any shipping tape and packaging.



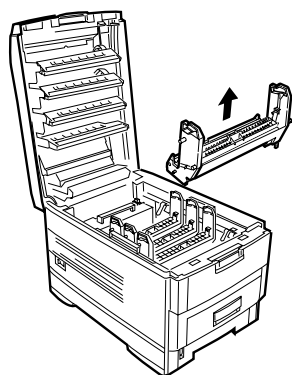
- ☐ Pull up on the release latch (1) and open the cover.



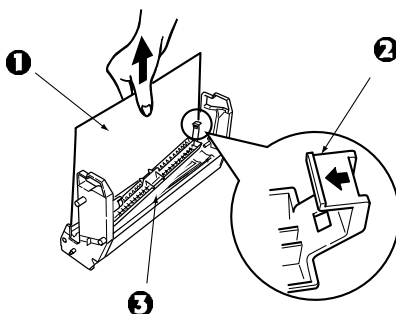
- ☐ Remove the cardboard shipping restraint (1) from behind the LED heads.
- ☐ Pull forward on the blue lever (2), remove the orange transport lock (3) from the end of the fuser, then push the lever (2) toward the back of the printer.

6

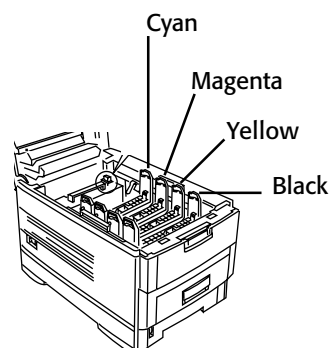
Prepare the Image Drums



- ☐ Lift out the four image drums and place them on a flat surface.

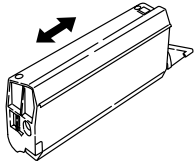


- ☐ Remove the protective sheet (1). Push the tab (2) in the direction of the arrow and remove the blanking plate (3) from each drum.

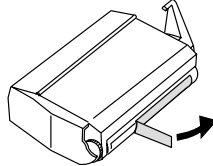


- ☐ Place the drums back in the printer, *being careful to match them to the correct color position.*

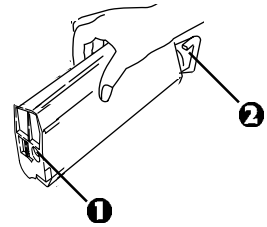
Install the Toner Cartridges



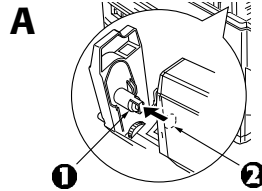
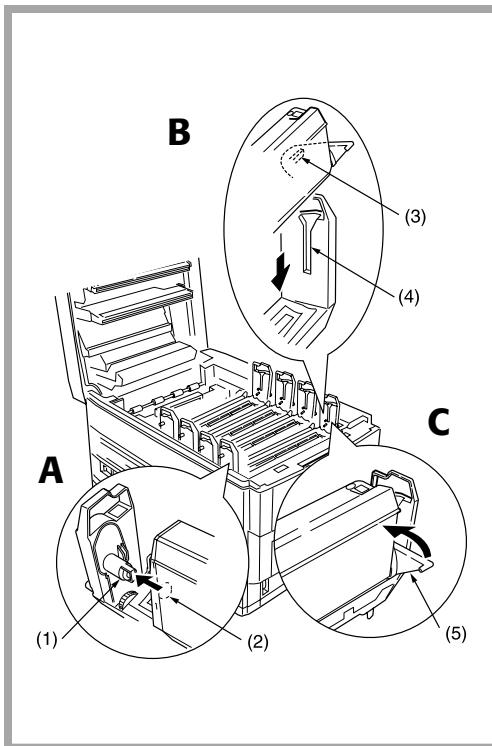
- ☐ Unpack the black toner cartridge and shake it **back and forth**.



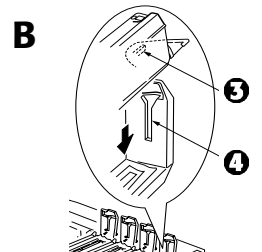
- ☐ Hold the cartridge in a horizontal position and remove the tape.



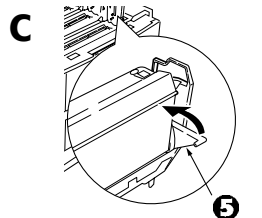
- ☐ Hold the cartridge in the **vertical** position, with the port (1) on the left and the blue lock lever (2) on the right.



Lower the left end of the cartridge into the image drum **closest to the front of the printer**, so that the tube (1) on the drum slides into the port (2) on the toner cartridge.

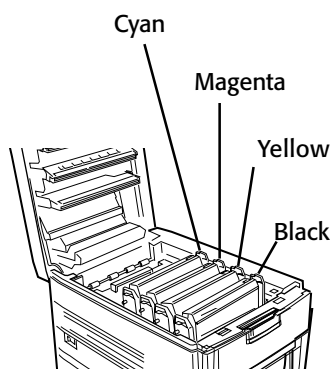


Press the cartridge toward the left slightly, then lower the right end, aligning the white tab (3) with the groove (4) in the drum.



Push the lock lever (5) toward the back of the printer until it stops.

! To avoid damage to the printheads, be sure to push the lock lever (5) back as far as it will go.



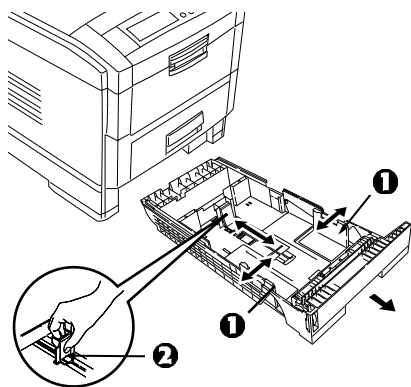
- ☐ Repeat the process for each toner cartridge, **being careful to match the toner color to the drum color**.

! Before closing the cover, check to be sure all the toner cartridge lock levers (blue) are pushed back as far as they will go.

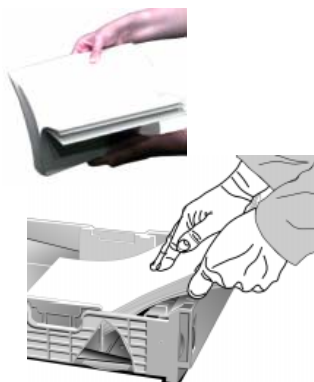
- ☐ Close the cover.

8 Load Paper

For information on usable print media, see the Handy Reference Guide.



- ☐ Pull the paper tray out of the printer and adjust the paper guides (1) and rear paper stopper (2) for the size paper you are using.



- ☐ Fan the paper (max. 530 sheets 20-lb. paper) and load it. Keep it below the "PAPER FULL" mark.



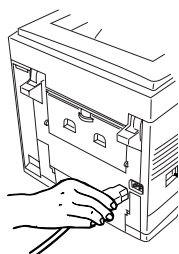
- ☐ If necessary, lift out the paper media indicator and reinsert it with the proper media size showing



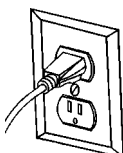
Paper Gauge:
Indicates the amount of paper left in the tray.

- ☐ Push the tray back in.

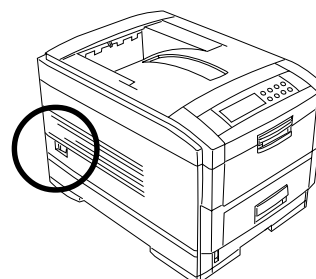
9 Connect to Power



- ☐ Attach the power cord to the back of the printer.



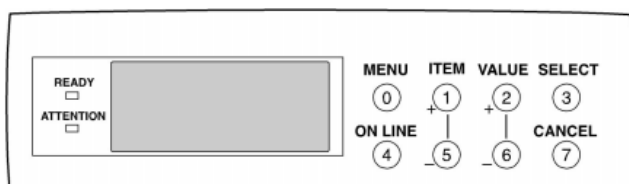
- ☐ Connect to grounded power socket.



- ☐ Turn the printer on and wait for it to warm up.
The display will read

ONLINE .AUTO
TRAY1

10 Print the Demo Page



- ☐ Print out the Demo page:
 - a Press Menu repeatedly until INFORMATION MENU appears.
 - b Press ITEM - repeatedly until DEMO1 displays.
 - c Press Select.
The Demo page prints and the printer goes back on line.

Windows & Novell Network Install Summary

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Network Administration Software	
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The On-Line Network User's Guide

The on-line OkiLAN® 6200e Network User's Guide contains instructions for setting up the printer on various network systems.



Minimum requirements: i486™ processor, 16 MB RAM, Microsoft Internet Explorer 4.0 or higher.

You can either view the Network User's Guide from the CD or install it on your computer:

- ☐ Insert the OKI C7000/C9000 Series CD in the CD-ROM drive.
- ☐ Click **Start** → **Run**, then browse to the main directory on the CD and double-click **install.exe**.
- ☐ Click **OK**.
- ☐ Select the printer model, then click **Continue**.

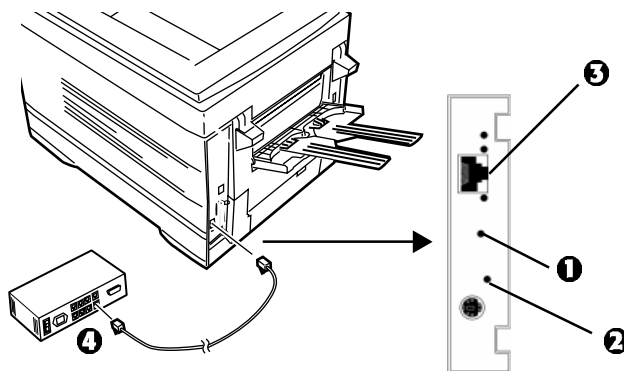
- ☐ Click the **Network and Admin Software** button.
- ☐ Click the **Network Documentation** button.
- ☐ Click your choice:
 Install Network User's Guide
 (follow the on-screen instructions.)
 or
 View Network User's Guide.

Viewing the Installed Network User's Guide

To view the Network User's Guide once it is installed on your computer, click **Start** → **Programs** → **OKI C Series Network User's Guide** → **Network User's Guide**.

Network Connection

- ! *No Ethernet® cable is supplied with the printer.*
- *Use an Ethernet cable with two twisted wire pairs and an RJ45 plug.*



- ① = Test Button
- ② = Status Light

- ☐ Turn the printer off.
- ☐ Connect your Ethernet cable to the network port on the print server (3).
- ☐ Connect the other end of the Ethernet cable to the network port (4).
- ☐ Turn the printer on and wait for the print server status light to stop blinking.
- ☐ Press the Test button on the print server.
An OkiLAN 6200e Configuration Sheet prints. This sheet contains information you need to set up the printer on your network.

Network Software: What's Available

The following software is available for installation. *See the diagram on the next page for information on which network software should be installed for your particular network system:*

► Network Utilities, including:

OkiNet Utilities

Recommended for quick discovery and configuration of the printer server. Includes:

- NetWare and TCP/IP configuration utilities
- Port monitors for IP, IPX and DLC
- Printer alert monitoring in IP and IPX
- Web-based configuration utility

OkiView32 Utility

Network printer management tool.

OkiView32 lets you

- Discover OKI and non-OKI print servers on your network
- View the status of network printers
- View and modify OkiLAN® print server settings
- View and modify OKI printer menu settings
- Manage print job queues

Requires:

- DHCP for discovering new print servers in TCP/IP environments
- Novell's Client for NetWare® to configure NetWare settings

Direct Network Printing

Installs OkiNet Connect port monitors for IP, IPX, or DLC, providing point-to-point direct printing from a Windows workstation to the network printer.

Web Configuration Utility

This OkiNet Java® applet discovers OkiLAN 6200e print servers and lets you modify the settings of the print server and the printer menu through a browser.

You can also use this utility in Linux® and UNIX® environments with a Java Virtual Machine installed.

OKI Storage Device Manager

For remote management of the printer's internal hard disk drive (optional on all but C7400dxn) and flash memory (all models).

► Workstation Drivers/Software

Printer Drivers

- Adobe® PostScript®
- PCL®

On-Line Documentation

- Minimum requirements: i486® processor, 16 MB RAM, Microsoft Internet Explorer 4.0 or higher.
- Can also be viewed directly from the CD

C7000 Series Desktop User's Guide

Contains information on the printer.

OkiLAN 6200e Network User's Guide

Contains instructions for setting up the printer on various network systems.

Color Swatch Utility

Provides a printout of color samples with RGB settings. You can use the RGB value settings in application software to match a sample color in print, regardless of what the color looks like on the screen.

Printer Network Configuration Overview

What Network Administration Software to Install:

Server-Based Networks:

TCP/IP: Windows 2000 & NT 4.0

Use OkiNet to discover and configure the print server and to set up the IP Monitor (see page 11).

Novell NDS/Bindery (4.x and 5.x)

Use OkiView32 to configure the print server and to add objects to the NDS tree (see page 12).

Novell NDPS (5.x and above)

- IPX: use OkiNet Utility for NetWare (see “Using the OkiLAN 6200e in NDPS [NetWare 4.x and 5.1]” under Novell NetWare in the on-line OkiLAN 6200e Network User’s Guide)
- IP: use OkiNet Utility for TCP/IP (see “OkiNet for TCP/IP” under TCP/IP in the on-line OkiLAN 6200e Network User’s Guide)

UNIX/LINUX

Use the OkiNet Web Configuration Utility
(see “Web Configuration Utility” in the
on-line OkiLAN 6200e Network User’s Guide)

or

Use Unix utilities
(see “TCP/IP” in the on-line OkiLAN 6200e Network User’s Guide)

LAN Manager or LAN Server

Use OkiNet Utilities
(see “LAN Manager/LAN Server” in the on-line
OkiLAN 6200e Network User’s Guide)

Direct Network Printing for Windows Clients

Use OkiNet Connect to print directly to
a network printer from a Windows workstation
(see page 13).

Network Administration Software, TCP/IP: Windows 2000 & NT 4.0

In this process, you first set the print server's IP address, subnet, and gateway. You can also enter these settings through the printer's front panel; see "Network Menu" in the on-line Desktop User's Guide.

- ! *If DHCP is active, the printer obtains an IP address when it is turned on. If you are using OkiNet Connect IP Monitor, you may not need to set a permanent IP address.*

Next you either configure a Windows server for queue-based printing, or configure workstations for point-to-point direct printing.

Install the OkiNet Software

1. With all applications closed and the OKI C Series CD in your CD-ROM drive, click **Start** → **Run**.
2. Browse to your CD-ROM drive, then double-click **install.exe** in the root directory.
3. Click **OK**.
4. Select the OKI printer model you have, then click **Continue**.



5. Click the **Network and Admin Software** button.
6. Click the **OkiNet Utilities** button.
7. Select **TCP Management Utilities** and click **Next**.
8. Select **OkiNet Utility for TCP/IP**, then click **Install** and follow the on-screen instructions.
9. Select **OkiNet Connect Windows Printing** and click **Next**.
10. Select **OkiNet Connect for TCP/IP**, then click **Install** and follow the on-screen instructions to complete installation.

Configure the OkiLAN 6200e Using OkiNet for TCP/IP

- ! *You can use this procedure to change settings of a previously configured OkiLAN 6200e.*

1. Press the Test button on the OkiLAN 6200e print server to print out the configuration page, which includes the printer's current IP address.
2. Click **Start** → **Programs** → **OkiNet Utilities** → **OkiNet Utilities for TCP/IP**.
3. By default, the All Print Servers view is selected and all print servers attached to the subnet of the network from which the OkiNet utility is running are listed.
4. Select the OkiLAN 6200e you wish to configure.
5. Click **Configuration** from the **Print Server** menu or click the **Configuration** icon on the tool bar.
6. Click the **TCP/IP** tab, then fill in the following information:

IP Address Resolution—Select One:

• Set Permanent (static IP)

Select this option to make the IP address permanent. If the OkiLAN 6200e has been configured to remember its IP address, it does not need to determine its address each time it is powered on.

Enter the IP address for the OkiLAN 6200e (format XXX.XXX.XXX.XXX, where XXX = number from 0 to 255).

- ! *If you select an invalid IP address, you may not be able to access the OkiLAN 6200e.*

or

• Use Network Protocol

Select this option to use RARP, BOOTP or DHCP to determine the IP address at power up. Specify which protocol(s) to use.

Subnet Mask

If your network environment includes subnets, you will want to set the subnet mask (format XXX.XXX.XXX.XXX, where XXX = number from 0 to 255).

- ! *The default subnet mask is 0.0.0.0. The OkiLAN 6200e interprets a subnet mask of 0.0.0.0 or 255.255.255.255 as no subnet mask specified.*

- ! *If you select an invalid subnet mask, you may not be able to access the OkiLAN 6200e.*

Default Gateway

If your local network is attached to other networks, you can specify the address of your default gateway (format XXX.XXX.XXX.XXX, XXX = number from 0 to 255). This gateway will be selected whenever messages need to be sent to another network.

- ! *If you select an invalid default gateway or the default gateway becomes unavailable, the OkiLAN 6200e may not be able to communicate with non-local networks.*

WINS Server

If you are using WINS name resolution, set the address of the WINS Server where the System Name of the OkiLAN 6200e will be registered.

Use DHCP to Locate WINS Server

If you are using DHCP for IP address resolution, select this option to obtain the address of the WINS Server from the DHCP Server.

Telnet/HTTP Password:

Allows you to modify the current password required for Telnet or HTTP access. The default password is the serial number of the OkiLAN 6200e.

Set IP Monitor

- ! *You must install a printer driver before performing this step. See page 16 for details on how to do this.*

1. Click **Start** → **Settings** → **Printers**.
2. Right click the OKI C7200 or C7400 printer icon, then click **Properties**.
3. Click the **Ports** tab (Windows 2000/NT 4.0) or **Details** tab (Windows Me/98/95).
4. Click **Add Port**.
5. Select **Oki Data OkiNet Connect IP Monitor** and click **New Port**.
The Add OkiNet Connect Port dialog box appears.
6. Highlight the printer's current IP address in the list of printers on the Add OkiNet Connect Port screen and click **Add**.
7. Click **OK**.

- ! *Refer to your OkiLAN 6200e Network User's Guide for further details.*

Network Administration Software, Novell Setup

- ! *This procedure applies to Novell NetWare 4.0 and 5.0 when using NDS or Bindery only. For further details and for Novell NDPS instructions, refer to your on-line OkiLAN 6200e User's Guide.*

Install OkiView32

1. With all applications closed and the OKI C Series CD in your CD-ROM drive, then click **Start** → **Run**.
2. Browse to your CD-ROM drive, then double-click **install.exe** in the root directory and click **OK**.
3. Select the OKI printer model you have, then click **Continue**.
4. Click the **Network and Admin Software** button.
5. Click the **OkiView32** button and follow the on-screen instructions to complete the installation.

- ! *Selecting "Typical" or "Custom" installs the SNMP trap utility, which requires a system reboot.*

Configure Novell with OkiView32 for Novell

OkiView32 creates the NDS printer objects and configures the OkiLAN print server.

1. Login as Admin, then run OkiView32 from a Windows workstation running Novell's NetWare Client.
2. When the printer has been discovered, double-click the printer, then click on the **Network** tab and verify that NetWare is enabled.
3. Click on the **Novell** tab, then click the **NDS** tree.
4. Click **Modify Name** and enter a new print server name. Click **OK**.
5. Click **Change Context** and browse for the appropriate Tree and Context. Click **OK**.
6. Click on the context that appears in the NDS tree.
7. Click **Add/Delete Queue** and click **New Queue**. Enter a name for the new print queue, then click **OK**.
8. In the **Add Queues** dialog box, select the newly created queue, then click **OK**.

OkiView32 adds the Printer, Print Server, and Print Queue to the NDS tree and configures the OkiLAN print server. You must redirect printer drivers installed at client workstations to a port that corresponds to the Novell queue.

Client Computers

Installing the Drivers on Client Computers

Clients with Windows 2000 & Windows NT 4.0: Push Installation

- ☐ Copy the driver files from the C7000/C9000 CD (\Drivers\Nt40 or Win2K\English\Pcldrv or Psdrv) to the network directory of your choice.
- ☐ At the host computer, open **Network Neighborhood**, then double-click the client computer on which you wish to install the drivers.
- ☐ Double-click the **Printers** folder, then click **Add Printer**.
- ☐ Make sure **Print Server/[Computer Name]** is selected, then click **Next**.
- ☐ Follow the **Add Printer Wizard** to add the drivers from the network directory where you installed them onto the selected client computer.
- ☐ Click the driver to be installed, then click **Next**.
- ☐ Click **Next** and follow the on-screen instructions to complete the installation.
- ☐ Repeat the process for each client computer, then do a quick check of the client computers to be sure that the driver was installed.

Clients with Windows Me & Windows 98/95: Pull Installation

- ☐ Copy the driver files from the C7000/C9000 CD (\Drivers\Win9x\English\Pcldrv or Psdrv) to a shared network directory of your choice.
- ☐ On the client computer, click **Start → Settings → Printer → Add Printer**.
- ☐ Use the **Add Printer Wizard** to install the drivers from the network directory to the client computer.

Printing Directly from a Windows Workstation

! *To use this feature, you must have an IP address established and a printer driver installed.*

- ☐ In the main **Menu Installer** dialog box, click the button beside **Direct Network Printing**.

- ☐ Follow the on-screen instructions to install OkiNet Connect, then exit the Menu Installer.
- ☐ Use OkiNet Connect to create a new port.
- ☐ Configure each client's printer driver(s) to the network port (see "Set IP Monitor" on page 12).

Activating the Duplex Unit and Hard Drive in the Driver

If your printer has either the duplex unit or the internal hard drive (both standard on Model C7400dxn), you must enter the driver and activate them before using them.

! *These procedures are also used when installing optional memory SIMMs, auxiliary paper trays and High Capacity Feeder. See "Accessories" in the on-line C9000 Series Desktop User's Guide.*

To activate the Duplex Unit and Hard Disk Drive in the PCL driver:

- ☐ Click **Start → Settings → Printer**.
- ☐ Right click the OKI C7200 or C7400 PCL printer icon, then click **Printing Preferences** (Windows 2000), **Properties** (Windows Me/98/95) or **Document Defaults** (Windows NT 4.0).
- ☐ In the **Paper** tab, click **Device options**, then click **Duplex option unit** and **Printer hard disk**.
- ☐ Click **OK** twice, then close the Printers dialog box.

To activate the Duplex Unit and Hard Disk Drive in the PostScript driver:

- ☐ Click **Start → Settings → Printer**.
- ☐ Right click the OKI C7200 or C7400 PostScript printer icon, then click **Properties**.

Windows 2000 and NT 4.0:

- Click the **Device Settings** tab.
- Scroll down to **Installable Options**.
- Click **Duplex**, then click **Installed** in the box below; do the same thing for **Hard Disk**.

Windows Me, 98 and 95:

- Click the **Device Options** tab.
- Click **Duplex**, then click **Installed** in the box below; do the same thing for **Hard Disk**.

- ☐ Click **OK**, then close the Printers dialog box.

12 USB Install: Windows

Windows Drivers Supplied

The printer comes with two Windows drivers: Adobe PostScript and PCL. USB Drivers for the following Windows systems are supplied:

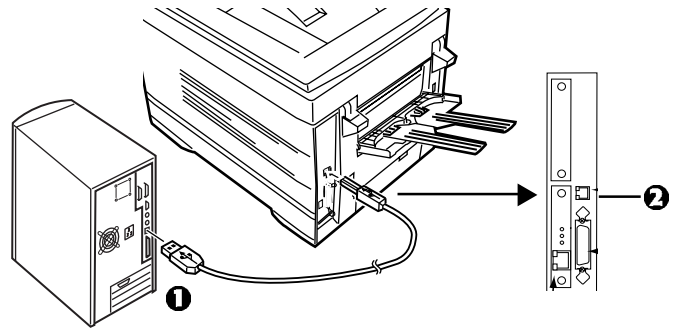
- Windows 2000 Professional
- Windows Me
- Windows 98

USB Port Connection

- ! *No USB interface cable is supplied with the printer. Use a USB cable that is compatible with USB specification 1.1.*

Notes:

- A USB interface will only operate using Windows 2000, Windows Me and Windows 98. It will not operate using MS-DOS, Windows 95, 3.1, or NT 4.0.
- Printer operation is not assured if another USB compatible device is connected concurrently with it.
- If a USB hub is used, it must be connected directly to the computer.



- ☐ Turn the computer and the printer *off*.
- ☐ Connect the USB cable to the USB port on the computer (**1**).
- ☐ Connect the other end of the cable to the USB port on the printer (**2**).

USB: Install the Software

► Printer Drivers (Adobe PostScript, PCL)

► On-Line C7000 Series User's Guide

- Minimum requirements: i486 processor, 16 MB RAM, Microsoft Internet Explorer 4.0 or higher.
- Can also be viewed directly from the CD (click the "View User's Guide" button in the Menu Installer dialog box).

► Color Swatch Utility

Provides a printout of color samples with RGB settings. Use the settings in application software to precisely match the sample color in printed files.

To Install the Drivers on Windows Me & 98

- ☐ Turn the computer on and wait for it to boot up.
- ☐ Turn the printer on.
"Unknown Device" appears.
- ☐ Click **Next**.
- ☐ Insert the OKI C Series CD into the CD-ROM drive.
- ☐ Select **Search for the best driver for your device (recommended)**, then click **Next**.
- ☐ Select **CD-ROM drive**.
- ☐ Clear the other choices, then click **Next**.
- ☐ When **OKI USB Driver** displays, click **Next**.
The drivers are copied to the system.
- ☐ When complete, click **Finish**.
The printer is detected and the Add New Hardware Wizard appears.
- ☐ Click **Next**.
- ☐ Select **Search for the best driver for your device (recommended)**, then click **Next**.
- ☐ Select **CD-ROM drive**, then click **Next**.
- ☐ Complete the installation following the instructions.

To Install the Drivers on Windows 2000

- ☐ Turn the computer on and wait for it to boot up.
- ☐ Turn the printer on.
- ☐ Insert the OKI C Series CD into the CD-ROM drive.
The printer is detected and the Add New Hardware Wizard appears.

- ☐ Click **Next**.
- ☐ Select **Search for the best driver for your device (recommended)**, then click **Next**.
- ☐ Select **CD-ROM drive** and clear the other choices, then click **Next**.
- ☐ Complete the installation following the instructions.

! *For Windows 2000, the PostScript driver must be installed through the Add Printer wizard (Start → Settings → Printers → Add Printer; follow instructions; when appropriate, click Have Disk and browse to \Drivers\Win2K\English\Psdry\ML7013PS.inf on the CD; at Digital Signature not Found, click Yes.)*

To Install the Additional Software (Both Operating Systems)

- ☐ With the OKI C Series CD in your CD-ROM drive, click **Start → Run**.
- ☐ Browse to your CD-ROM drive and double-click **install.exe** in the root directory, then click **OK**.
- ☐ Select the OKI printer model, then click **Continue**.
- ☐ Click the button beside **Printer Software** and follow the on-screen instructions.
- ☐ Exit the Menu Installer.

To View the Printer User's Guide

Click **Start → Programs → OKI C Series → Desktop User's Guide**.

To Open the Color Swatch Utility

Click **Start → Programs → OKI C Series → Color Swatch Utility**. (For more information on the Color Swatch Utility, see the on-line C7000 Series Desktop User's Guide.)

Activate the Duplex Unit and Internal Hard Drive in the Printer Driver

See page 13 for instructions on how to do this.

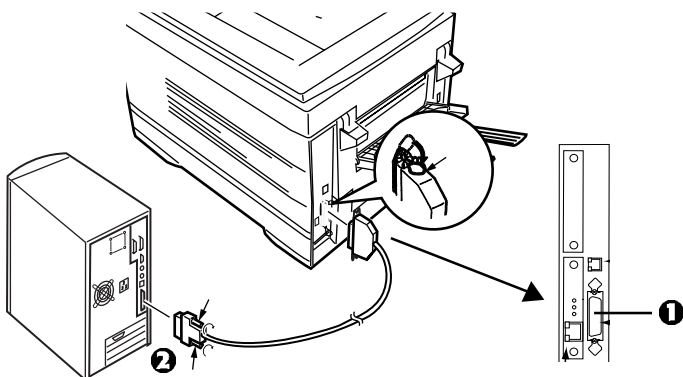
13 Parallel Install: Windows

Drivers Supplied

The printer comes with two drivers: Adobe PostScript and PCL, for the following Windows systems:

- Windows 2000 Professional
- Windows Me, 98, 95
- Windows NT 4.0

Parallel Port Connection



- ☐ Turn off both the computer and the printer.
- ☐ Attach a standard IEEE-1284 parallel cable (not supplied) to the parallel port on the printer (1), securing it with the spring clips.
- ☐ Attach the other end to the parallel port on the computer (2) and secure it in place with the screws.

Parallel: Install the Software

► Printer Drivers (Adobe PostScript, PCL)

► On-Line C7000 Series User's Guide

- Minimum requirements: i486 processor, 16 MB RAM, Microsoft Internet Explorer 4.0 or higher.
- Can also be viewed directly from the CD (click the "View User's Guide" button in the Menu Installer dialog box).

► Color Swatch Utility

Provides a printout of color samples with RGB settings. Use the settings in application software to precisely match the sample color in print.

To Install the Software

- ☐ Turn the computer on and wait for it to boot up.
- ☐ Turn the printer on and *make sure that all software applications are closed.*
- ☐ With the OKI C Series CD in your CD-ROM drive, click **Start** → **Run**.
- ☐ Browse to your CD-ROM drive and double-click **install.exe** in the root directory, then click **OK**.
- ☐ Select the OKI printer model, then click **Continue**.



- ! *For Windows 2000, the PostScript driver must be installed through the Add Printer wizard (Start → Settings → Printers → Add Printer; follow instructions; when appropriate, click Have Disk and browse to \Drivers\Win2K\English\Psdry\ML7013PS.inf on the CD; at Digital Signature not Found, click Yes.)*

- ☐ Click the button beside **Printer Software** and follow the on-screen instructions.
- ☐ Exit the Menu Installer.

To View the User's Guide

Click **Start** → **Programs** → **OKI C Series** → **Desktop User's Guide**.

To Open the Color Swatch Utility

Click **Start** → **Programs** → **OKI C Series** → **Color Swatch Utility**. (For more information on the color utilities, see the on-line C7000 Series User's Guide).

Activate the Duplex Unit and Internal Hard Drive in the Printer Driver

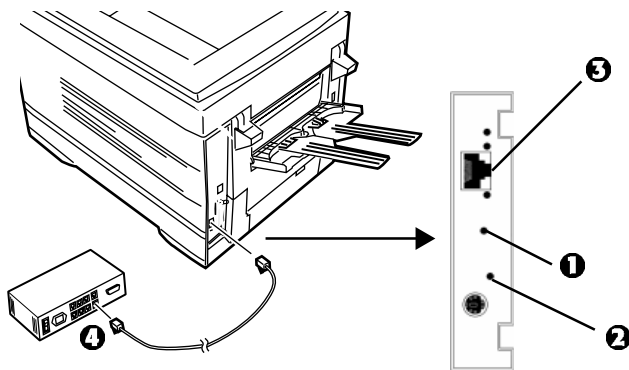
See page 13 for instructions on how to do this.

14 Network Install: Macintosh

Network Connection

- ! Requires Mac OS 6.x or above, running on a Macintosh computer with EtherTalk interface.

The Ethernet cable is not supplied with the printer. Use an Ethernet cable with RJ45 connectors at either end. If the printer will be connected directly into a network port, a crossover-type cable is required.



- ① = Test Button
- ② = Status Light

- ☐ Turn the printer off.
- ☐ Connect your Ethernet cable to the network port on the print server (3).
- ☐ Connect the other end of the Ethernet cable to the network port (4).
- ☐ Turn the printer on and wait for the print server status light to stop blinking.

- ! For more information on the OkiLAN 6200e Print Server, see the on-line OkiLAN 6200e User's Guide.

Network: Install the Driver

- ! Be sure to switch off antivirus software before installing a printer driver.

- ☐ Turn the printer on, then turn the computer on.
- ☐ Place the CD supplied with the printer in the CD-ROM drive, then double-click the OKI CD icon that appears on the desktop.
- ☐ Open the **MAC** folder and double-click the **Mac Installer** icon, then click **Continue**.
- ☐ Select **Custom install** from the drop-down box.
- ☐ Select the printer model you have, then click **Install**.
- ☐ When the installation is complete, click **Quit**.

Network: Install the OkiNet Software Utilities

- ☐ Place the CD supplied with the printer in the CD-ROM drive, then double-click the CD icon that appears.
- ☐ Double-click **OkiNet Utility for EtherTalk**.
- ☐ In the **EtherTalk Zone Selection** dialog box, click **Search**.
The software discovers the OkiLAN 6200e print server.
- ☐ Click **Quit**, and close the **OkiNet Utilities** dialog box.

Network: Create the PPD

- ☐ Activate **Chooser** from the **Apple** menu, then select the **LaserWriter** icon and highlight the OKI printer model you have.
- ☐ Click **Create**, then click **Select PPD**.
- ☐ Highlight the PPD for the printer model you have installed, then click **Select**.
- ☐ Close **Chooser**.

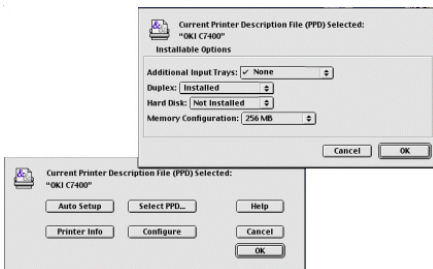
- ! For information on using the OkiNet Utilities software, see "EtherTalk Support for Apple Macintosh" in the OkiLAN 6200e Network User's Guide.

Activate the Duplex Unit and Internal Hard Drive in the Printer Driver

If your printer has either the duplex unit or the internal hard drive (both standard on Model C7400dxn), you must enter the driver and activate them.

- ! *This procedure is also used when installing optional memory SIMMs or auxiliary paper trays. See “Accessories” in the on-line C7000 Series Desktop User’s Guide.*

1. Activate **Chooser** from the **Apple** menu.
2. Select **LaserWriter 8**.
3. Click **Printer** → **Setup**.
4. Click **Configure**.



5. Change the **Duplex** setting to **Installed**.
6. Change the **Hard Disk** setting to **Installed**.
7. Click **OK** twice.
8. Close **Chooser**.

Network: On-Line Manuals

Requirements

- Microsoft Internet Explorer version 4.0 or higher

To Load the Manuals

- ! *In order to open the on-line manuals, you must have your Macintosh set to run .htm extension files under your browser.*
- ☐ Create folders in which to store the C7000 Series User’s Guide and the OkiLAN 6200e Print Server User’s Guide.
 - ☐ Place the CD supplied with your printer in your CD-ROM drive.
 - ☐ Copy the files from the CD folder Manuals\UserGuid\Html\English to the folder you created for the C7000 Series User’s Guide.
 - ☐ Copy the readmeMac.htm file from the root directory on the CD supplied with your printer to the folder you created for the C7000 Series User’s Guide.
 - ☐ Copy the files from the CD folder Manuals\Network\Html\English to the folder you created for the OkiLAN 6200e Print Server User’s Guide.

To View the Manuals

To view the on-line manuals, go to the folder where you stored the manual, then double-click the **start_e.htm** file.

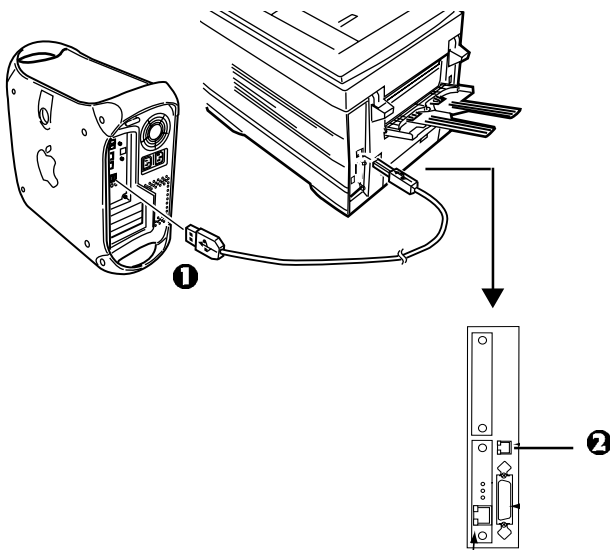
15 USB Install: Macintosh

USB Port Connection

- ! *No USB interface cable is supplied with the printer.*
- *Use a USB cable that is compatible with USB specification 1.1.*

Notes:

- Requires Mac OS 9.04 or higher
- Printer operation is not assured if another USB compatible device is connected concurrently with it.
- If a USB hub is used, it must be connected directly to the computer.
- Depending on the size of the document, if the memory setting for the print monitor is low, you may not be able to print in the background. To correct for this, increase the memory setting for the print monitor.
- Depending on the model you have, you may need to install updates to the operating system in order to use USB: e.g., iMac Update 1.0, iMac Update 1.1, iMac Firmware Update, etc. For further information, contact Apple Computers.



- ☐ Turn the computer and the printer off.
- ☐ Connect the USB cable to the USB port on the computer (1).
- ☐ Connect the other end of the cable to the USB Port on the printer (2).

USB: Install the Driver

- ! *Be sure to switch off antivirus software before installing a printer driver.*

- ☐ Turn the printer on, then turn the computer on.
- ☐ Place the CD supplied with the printer in the CD-ROM drive.
- ☐ Double-click the OKI CD icon that appears on the desktop.
- ☐ Open the **MAC** folder.
- ☐ Double-click the **Mac Installer** icon, then click **Continue**.
- ☐ Select **Custom Install** from the drop-down box.
- ☐ Select the printer model you have, then click **Install**.
- ☐ When the installation is complete, click **Quit**.

USB: Create the Desktop Printer

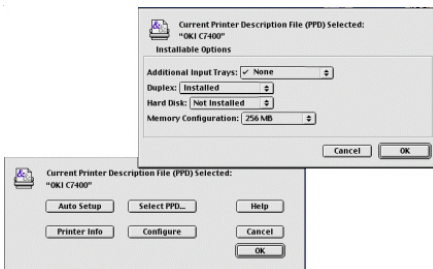
- ☐ Double-click the **Apple Extras** folder on your local hard drive.
 - ☐ Double-click the **Apple LaserWriter Software** folder.
 - ☐ Double-click the **Desktop Printer Utility** icon.
 - ☐ Highlight **Printer (USB)** under **Create Desktop**.
 - ☐ In the drop-down box, select **LaserWriter 8** and click **OK**.
 - ☐ Under **PostScript Printer Description (PPD) file**, click **Change**.
 - ☐ Make sure the "Printer Descriptions" folder is selected in the drop-down box.
 - ☐ Highlight the OKI printer model you have from the list, then click **Select**.
 - ☐ Under **USB Printer Selection**, click **Change**.
 - ☐ Highlight the OKI printer model you have, then click **OK**.
 - ☐ Click **Create**.
- The OKI printer icon appears on the desktop.*

Activate the Duplex Unit and Internal Hard Drive in the Printer Driver

If your printer has either the duplex unit or the internal hard drive (both standard on Model C7400dxn), you must enter the driver and activate them.

- ! *This procedure is also used when installing optional memory SIMMs or auxiliary paper trays. See “Accessories” in the on-line C7000 Series Desktop User’s Guide.*

1. Activate **Chooser** from the **Apple** menu.
2. Select **LaserWriter 8**.
3. Click **Printer** → **Setup**.
4. Click **Configure**.



5. Change the **Duplex** setting to **Installed**.
6. Change the **Hard Disk** setting to **Installed**.
7. Click **OK** twice.
8. Close **Chooser**.

USB: On-Line Manuals

Requirements

- Microsoft Internet Explorer version 4.0 or higher

To Load the Manuals

- ! *In order to open the on-line manuals, you must have your Macintosh set to run .htm extension files under your browser.*
- ☐ Create folders in which to store the C7000 Series User’s Guide and the OkiLAN 6200e Print Server User’s Guide.
 - ☐ Place the CD supplied with your printer in your CD-ROM drive.
 - ☐ Copy the files from the CD folder Manuals\UserGuid\Html\English to the folder you created for the C7000 Series User’s Guide.
 - ☐ Copy the readmeMac.htm file from the root directory on the CD supplied with your printer to the folder you created for the C7000 Series User’s Guide.
 - ☐ Copy the files from the CD folder Manuals\Network\Html\English to the folder you created for the OkiLAN 6200e Print Server User’s Guide.

To View the Manuals

To view the on-line manuals, go to the folder where you stored the manual, then double-click the **start_e.htm** file.

16 Set the Color Balance

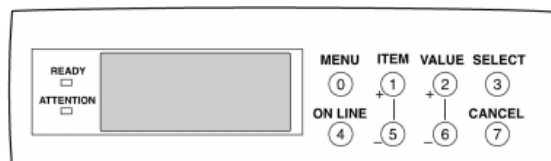
Why Set the Color Balance?

Setting the color balance after shipment ensures that the three primary colors your printer uses are properly balanced. If they are not balanced, one color may dominate, and printed pictures will not be as lifelike as they could be.

The color balance should be set

- when the printer is installed
- any time the print quality seems to have deteriorated
- when image drums are replaced
- if you switch to a significantly different print media (e.g., from white to media of various colors)
- if the printer is moved to a new location

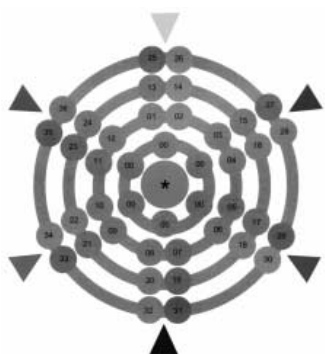
Setting the Color Balance



1. Press MENU repeatedly until COLOR MENU displays.
2. Press ITEM + repeatedly until

COLOR BALANCE ADJUST
RESET TO DEFAULT

displays.
3. Press SELECT. This restores the factory color balance settings, which form a baseline for the adjustment.
The Color Balance test pattern prints.



4. Check the color of the center circle in the printout against the surrounding circles:
 - If the center circle matches the circles labeled 00, the color balance is correctly adjusted and you're done. Press ON LINE (the printer will go back on line)
 - If the center circle does *not* match circle 00, determine which surrounding circle most closely matches the center circle and note its number.
 5. Press VALUE (+ to increase # or - to decrease #) repeatedly until

COLOR BALANCE ADJUST
SELECT PATTERN #

displays, where # represents the number determined in step 4.
 6. Press SELECT.
The new value is engaged and a new test pattern prints.
 7. Check the pattern again and repeat steps 4 through 6 until the color of the center circle most closely matches the circles labeled 00.
- ! **The color balance process is subjective. It is unlikely that you will get an exact match of the center circle to the circles labeled 00. Repeat the color balance process until you feel you have a match, but no more than three times before pressing ON LINE to exit the color balance process.**
8. Press ON LINE.
The printer goes back on line.

Default Media Settings

The default printer setting for print media is Medium (20 to 24 lb.).

Individual Print Jobs

If you are using special media for an individual print job, make the temporary media setting changes in the driver as you print the job from your application.

Printer Defaults

If you consistently use another type of media in Tray 1 or the Multi-Purpose (MP) Tray, change the media settings in the printer *menu* (see page 25). If you do not, the print quality will be reduced and *you could damage the printer*.

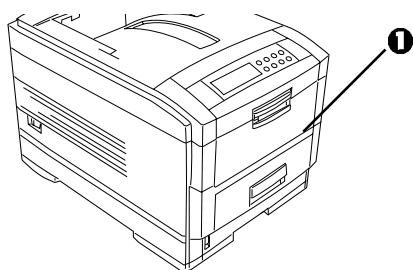
Media Weight Settings

Setting	Media Weight		
	US Bond	Metric	Index
Light	16 lb.	62 g/m ²	33 lb.
Medium Light	17-19 lb.	63-73 g/m ²	34-40 lb.
Medium*	20-24 lb.	74-92 g/m ²	42-50 lb.
Medium Heavy	25-27 lb.	93-103 g/m ²	51-56 lb.
Heavy	28-32 lb.	104-122 g/m ²	58-67 lb.
Ultra Heavy	33-54 lb.	123-200 g/m ²	67-110 lb.

Print Paths

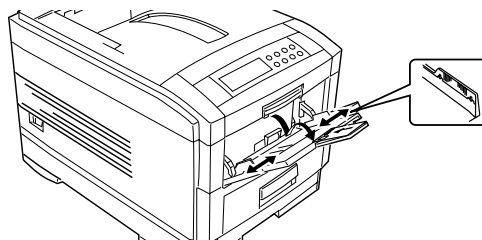
Input

Tray 1



Tray 1 (1) is used for paper, range 16 to 54 lb. US Bond (62 to 200 g/m²), and transparencies.

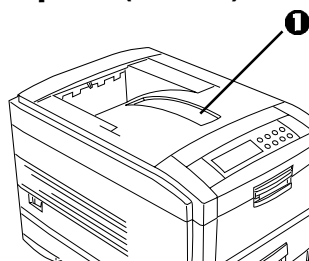
Multi-Purpose Tray (MP Tray)



The Multi-Purpose Tray is used for special media such as labels and card stock up to 110 lb. It can also be used for letterhead stationery, transparencies, light paper and plain paper.

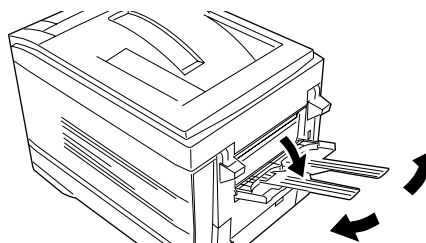
Output

Top Exit (Default)



The top exit is used for plain paper and letterhead fed in from Tray 1.

Rear Exit—Required for Special Media



Provides straight-through, curl-free print path for transparencies, labels and heavy paper.

- ! Always use the rear exit when feeding media in from the Multi-Purpose Tray.

! For information on usable print media, see the Handy Reference Guide.

Printing Transparencies

Caution! Use only recommended transparencies: 3M CG3720 or Folex BG67.

Print Path

- *Input:* Tray1 or Multi-Purpose (MP) Tray
- *Output:* Rear Exit Only

Transparencies can be loaded in either Tray 1 or the Multi-Purpose Tray. The printer automatically detects that transparencies are being used and processes the media differently from standard paper.

Individual Print Jobs

To optimize the print speed for individual multi-page print jobs, make the following settings in the printer driver as you print the job (File → Print → Properties [or Settings, or your application's equivalent]):

- *Source:* Tray1 or MP Tray
- *Size:* Letter
- *Type:* Transparency

Changing the Default Settings

If the MP Tray or Tray 1 is always loaded with Transparencies, you should enter the printer menu (see page 25) and change the settings for the paper path you are using for the transparencies as indicated below. This will provide the best printer performance.

Printer Menu Settings: Transparencies in Tray 1

- *Tray1 MediaType:* Transparency

Printer Menu Settings: Transparencies in MP Tray

- *MP Tray PaperSize:* Letter
- *MP Tray MediaType:* Transparency

Printing Labels

Caution!

- *Labels must be able to withstand 392°F (200°C) for 0.1-second*
- *Labels must cover entire carrier sheet*

Print Path

- *Input:* Multi-Purpose (MP) Tray Only
- *Output:* Rear Exit Only

Individual Print Jobs

For individual print jobs on labels, change the settings in the driver as you print the job (File → Print → Properties [or Settings, or your application's equivalent]):

- *Source:* MP Tray
- *Size:* Letter
- *Type:* LABEL1 (Heavy) or LABEL2 (Ultra Heavy)

Changing the Default Settings

If you consistently use labels in the MP Tray, enter the printer menu (see page 25) and change the settings as indicated below.

Printer Menu Settings: Labels in MP Tray

- *MP Tray PaperSize:* Letter
- *MP Tray MediaWeight:* Heavy (LABEL1) or Ultra Heavy (LABEL2)

Printing Thick Paper (Card Stock, Index Paper)

- ! The maximum usable paper weight for duplex printing is 28 lb.

Print Path

- *Input:* Tray1 (up to 27 lb)
or Multi-Purpose (MP) Tray (up to 110 lb)
- *Output:* Rear Exit Only

Individual Print Jobs

For individual print jobs on thick paper, change the settings in the driver as you print the job (File → Print → Properties [or Settings, or your application's equivalent]):

- *Source:* Tray1 (up to 27 lb)
or Multi-Purpose Tray (up to 110 lb)
- *Size:* Letter, Legal-13, Legal-14, Legal-13.5, Executive, A4, A5, A6, B4, B5 or Custom (must be defined and saved in driver)
- *Type:* Medium Heavy to Ultra Heavy (see table on page 22)

Changing the Default Settings

If you consistently use thick paper in Tray 1 or the MP Tray, enter the printer menu (see page 25) and change the settings for the paper path you are using for the thick paper as indicated below.

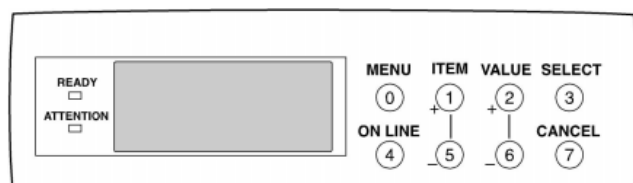
Printer Menu Settings: Thick Paper in Tray 1

- *Tray 1 MediaWeight:* Medium Heavy to Ultra Heavy (see table on page 22)

Printer Menu Settings: Thick Paper in MP Tray

- *MP Tray Paper Size:* Letter, Legal-13, Legal-14, Legal-13.5, Executive, A4, A5, A6, B4, B5 or Custom (must be defined and saved in driver)
- *MP Tray MediaWeight:* Medium Heavy to Ultra Heavy (see table on page 22)

Changing Media Settings for Tray1 in the Printer Menu



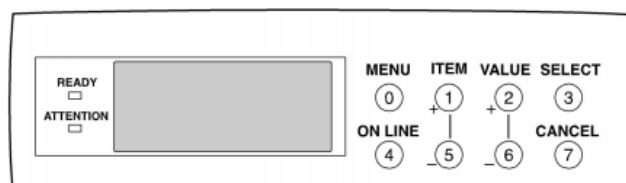
Transparencies Only: Set Media Type

- ☐ Press MENU repeatedly until MEDIA MENU appears on the display.
- ☐ Press ITEM repeatedly until TRAY1 MEDIATYPE appears on the display.
- ☐ Press VALUE (+ or -) repeatedly until TRANSPARENCY appears on the second line of the display.
- ☐ Press SELECT to engage the new setting.
An Asterisk () appears next to the new setting.*
- ☐ Press ON LINE to save the setting and exit the menu.

Other Special Media: Set Media Weight (Not used for Transparencies)

- ☐ Press MENU repeatedly until MEDIA MENU appears on the display.
- ☐ Press ITEM repeatedly until TRAY1 MEDIAWEIGHT appears on the display.
- ☐ Press VALUE (+ or -) repeatedly until the desired setting appears on the second line of the display.
- ☐ Press SELECT to engage the new setting.
An Asterisk () appears next to the new setting.*
- ☐ Press ON LINE to save the setting and exit the menu.

Changing Media Settings for MP Tray in the Printer Menu



First, Set Media Size

- ☐ Press MENU repeatedly until MEDIA MENU appears on the display.
- ☐ Press ITEM repeatedly until MP TRAY PAPERSIZE appears on the display.
- ☐ Press VALUE (+ or -) repeatedly until the desired setting appears on the second line of the display.
- ☐ Press SELECT to engage the new setting.
An Asterisk () appears next to the new setting.*

Next, Set Media Type or Weight:

Transparencies Only: Set Media Type

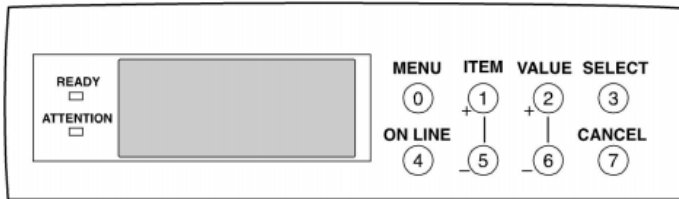
- ☐ Press ITEM repeatedly until MP TRAY MEDIATYPE appears on the display.
- ☐ Press VALUE (+ or -) repeatedly until TRANSPARENCY appears on the second line of the display.
- ☐ Press SELECT to engage the new setting.
An Asterisk () appears next to the new setting.*

Other Special Media: Set Media Weight (Not used for Transparencies)

- ☐ Press ITEM repeatedly until MP TRAY MEDIAWEIGHT appears on the display.
- ☐ Press VALUE (+ or -) repeatedly until the desired setting appears on the second line of the display.
- ☐ Press SELECT to engage the new setting.
An Asterisk () appears next to the new setting.*

Finish by Saving the Settings

- ☐ Press ON LINE to save the setting and exit the menu.



Power Save Mode

The printer is set at the factory to enter the Power Save mode after 1 hour.

To change the interval:

- ☐ Press MENU repeatedly until SYSTEM CONFIG MENU appears on the display.
- ☐ Press ITEM + repeatedly until POWER SAVE DELAY TIME appears on the display.
- ☐ Press VALUE (+ or -) repeatedly until the desired setting appears on the second line of the display.
- ☐ Press SELECT.
An Asterisk () appears next to the new setting.*
- ☐ Press ON LINE to save the setting and exit the menu.

To disable Power Save:

- ☐ Press MENU repeatedly until MAINTENANCE MENU appears on the display.
- ☐ Press ITEM + repeatedly until POWER SAVE appears on the display.
- ☐ Press VALUE +.
DISABLE appears on the second line of the display.
- ☐ Press SELECT.
An Asterisk () appears next to DISABLE.*
- ☐ Press ON LINE to save the setting and exit the menu.

Duplex Mode

! If you experience curling when printing a file in duplex mode, switch to 28-lb. US Bond paper.

If your printer is equipped with a duplex unit and you want duplex printing to be the printer default:

- ☐ Press MENU repeatedly until PRINT MENU appears on the display.
- ☐ Press ITEM + repeatedly until DUPLEX appears on the display.
- ☐ Press VALUE +.
ON will appear on the second line of the display.
- ☐ Press SELECT.
An Asterisk () appears next ON.*
- ☐ Press ON LINE to save the setting and exit the menu.

Printer Emulation

The printer is set at the factory to automatically detect the emulation of an incoming print job. To change it to always be PCL or Adobe PostScript, see "Setting the Emulation" under Control Panel, Walk-up Functions in the on-line C7000 Series User's Guide.

Display Language

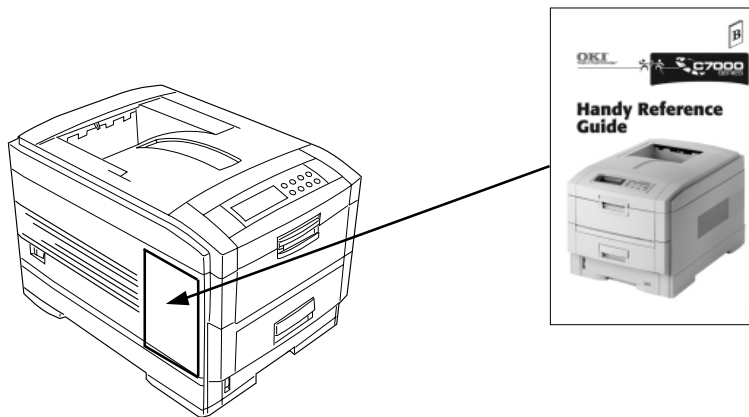
If you wish to choose a display language other than English, see "Setting the Control Panel Display Language" under Control Panel, Walk-up Functions in the on-line C7000 Series User's Guide.

19 Print a Sample File

- ☐ Open a file in your software application.
- ☐ Click File → Print.
- ☐ In the Print dialog box, select the appropriate OKI C Series printer driver, then click OK.

20 Install the Handy Reference

- ☐ Remove the backing from the Velcro® strip on the back of the Handy Reference and apply the Handy Reference to either side of the printer, at the front.



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